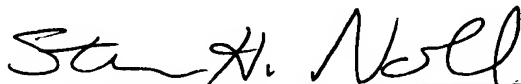


REMARKS

The present Amendment corrects a typographical omission in claim 1 which was noted after filing. The inclusion of a comma at the end of the phrase "using said diastolic timing signals" improves the understandability of claim 1.

Submitted by,



(Reg. 28,982)

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Please amend claim 1 as follows:

1. (Amended) An implantable medical device comprising:
 - a pressure sensor adapted to be positioned in the right ventricle of a heart, for measuring right ventricular pressure and for generating a pressure signal corresponding to the measured right ventricular pressure;
 - a timing unit supplied with said pressure signal which determines, from said pressure signal, diastolic timing signals identifying a beginning and an end of a diastolic phase of the heart; and
 - a signal processor connected to the timing unit and also supplied with said pressure signal, said signal processor, using said diastolic timing signals, determining from said pressure signal a diastolic pressure signal representing right ventricular pressure only during the diastolic phase of the heart cycle.